

10/519381

8/10

Fig. 8

	Δn	2a (μm)	CABLE CUTOFF WAVE- LENGTH (nm)	MFD AT 1310 nm (μm)	ZERO DISPER- SION WAVE- LENGTH (nm)	CHRO- MATIC DISPER- SION AT 1550 nm (ps/nm/km)	DISPER- SION SLOPE AT 1550 nm (ps/nm ² /km)	ZERO DISPER- SION SLOPE (ps/nm ² /km)	TRANS- MISSION LOSS AT 1310 nm (dB/km)	TRANS- MISSION LOSS AT 1380 nm (dB/km)	OH- RELATED LOSS INCREASE AT WAVE- LENGTH OF 1380 nm (dB/km)	TRANS- MISSION LOSS AT WAVE- LENGTH OF 1550 nm (dB/km)	FIBER STRUC- TURE (CORE MATERIAL/ CLADDING MATERIAL)
SAMPLE B	0.38	7.80	1166	8.53	1318	14.97	0.0540	0.0793	≤ 0.32	≤ 0.31	≤ 0.10	≤ 0.176	PURE SILICA GLASS/ F-DOPED GLASS
SAMPLE C	0.395	8.16	1230	8.60	1313	15.46	0.0544	0.0806					
SAMPLE D	0.39	8.02	1200	8.57	1313	15.39	0.0537	0.0801					
SAMPLE E	0.395	7.56	1135	8.37	1318	14.86	0.0531	0.0789					
SAMPLE F	0.42	7.60	1260	8.33	1307	15.75	0.0536	0.0816					
SAMPLE G	0.385	8.14	1184	8.72	1312	15.90	0.0547	0.0800					
SAMPLE H	0.38	8.52	1226	8.92	1304	16.66	0.0548	0.0819					
SAMPLE I	0.36	8.10	1133	8.92	1317	15.39	0.0544	0.0790					
COMPARATIVE EXAMPLE	-	-	1158	9.13	1316	16.50	0.0584	0.0850	0.33	0.62	0.31	0.19	Ge-DOPED GLASS/ PURE SILICA- GLASS